## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|--|--|---------------------|---------|---------------------|
| L2    | 0     | (rail adj lubrica\$4) same<br>(remote adj control)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>15:55 |
| L3    | 1     | (rail adj lubrica\$4) and<br>(remote adj control)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>15:55 |
| L4    | 2     | (rail adj lubrica\$4) and<br>(remot\$3 adj control)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>15:57 |
| L5    | 2     | (rail adj lubrica\$4) and<br>(remot\$3 adj (control or<br>access\$2))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>15:59 |
| L6    | 2     | ((rail or track)adj lubrica<br>\$4) and (remot\$3 adj<br>(control or access\$2))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>16:06 |
| L7    | 2     | "20030111295"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR                  | OFF     | 2010/08/13<br>16:22 |
| L8    | 17    | ("20020062182"  <br>"3575544"   "4023753"  <br>"4894969"   "5042439"  <br>"5309664"   "5332180"  <br>"5513244"   "5751569"  <br>"5794172"   "5884144"  <br>"6135396"   "6140339"  <br>"6144315"   "6195020"  <br>"6633764"   "6799097").<br>PN. OR ("6876907").<br>UPPN. | US-POPUB;<br>USPAT; USOCR                          | OR                  | OFF     | 2010/08/13          |
| L9    | 26486 | (train or track or rail)<br>same lubrica\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2010/08/13<br>17:04 |
| L10   | 11924 | L9 and control\$2  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2010/08/13<br>17:04 |

| L11 | 28       | L10 and remote\$2 adj<br>access\$2   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/13<br>17:05 |
|-----|----------|--|--|----|-----|---------------------|
| L12 | 28       | L10 and (remote\$2 adj<br>access\$2)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/13<br>17:05 |
| Si  | 2        | "US 20070272486"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR | OFF | 2009/05/07<br>19:50 |
| S2  | 93       | (184/2).OOLS.  | USPAT; USOCR                                       | OR | OFF | 2009/05/08<br>09:38 |
| S3  | 367      | (184/3.1).CCLS.  | USPAT; USOCR                                       | OR | OFF | 2009/05/08<br>09:45 |
| S4  | 1        | ("5477941").PN.  | USPAT; USOCR                                       | OR | OFF | 2009/05/08<br>09:48 |
| S5  | 5        | "0118558"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>09:54 |
| S6  | 3        | "9829757"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>09:55 |
| S7  | 25       | ("1386426"   "1709095"  <br>"4930600").PN. OR<br>("5477941").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>10:07 |
| S8  | <b>9</b> | ("20030111295"  <br>"4930600"   "5477941"  <br>"5554982"   "5641037"  <br>"5992568"   "6135767"  <br>"6578669"   "6612245").<br>PN. OR ("7357427").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08          |
| S9  | 10       | ("4726448"   "4930600"  <br>"5236063"   "5477941"  <br>"5296947"   "6076637"  <br>"6170610"   "6199661").<br>PN. OR ("6578669").<br>URPN.                    | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>10:13 |
| S10 | 19       | ("0742786"   "0791640"  <br>"2724458"   "4711320"  <br>"4930600"   "5477941"  <br>"5687814").PN. OR<br>("5896947").URPN.                                     | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>10:13 |
| S11 | 2        | "7357427"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR | OFF | 2009/05/08<br>11:29 |

| S12  | 1      | ("6612245").PN.   | USPAT; USOCR                                       | OR | OFF | 2009/05/08<br>11:36 |
|------|--------|---|--|----|-----|---------------------|
| S13  | 1      | ("20030111295").PN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>11:41 |
| S14  | 438    | (104/279).OOLS.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>14:18 |
| S15  | 0      | ((track or rail) same<br>(lubrication adj system))<br>and ((control or procrss<br>\$3) same remotly)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:39 |
| S16  | 0      | (track or rail) same<br>(lubrication) and ((control<br>or procrss\$3) same<br>remotly)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:39 |
| S17  | 0      | ((track or rail) and (lubricat<br>\$3)) and ((control or<br>procrss\$3) same remotly)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:40 |
| S18  | 3      | ((track or rail) same<br>(lubrication adj system))<br>and ((control or procrss<br>\$3) same remotely) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:40 |
| S19  | 722    | ((track or rail) and (lubricat<br>\$3)) and ((control or<br>procrss\$3) same remotely)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:41 |
| S20  | 265    | S19 and (locomotive or train)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/05/08<br>14:43 |
| S21  | 140690 | "104"/\$.ccls. amd remotely   | USPAT  | OR | OFF | 2009/05/08<br>14:56 |
| \$22 | 0      | "104"/\$.cds. and rail with<br>(lubrication adj system)<br>and remotely                               | USPAT  | OR | OFF | 2009/05/08<br>14:57 |
| S23  | 296033 | "104"/\$.ccls. amd remotely   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>14:58 |
| S24  | 2716   | S23 and rail with car   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>14:58 |
| S25  | 128    | S24 and lubricat\$3   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>14:59 |
| S26  | 10     | "5236063"   | USPAT  | OR | OFF | 2009/05/08<br>15:18 |
| S27  | 37     | S14 and remote  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/05/08<br>15:40 |
| \$28 | 2      | (("5477941") or<br>("20030111295")).PN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/12/08<br>20:48 |
| S29  | 1      | ("7357427").PN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/12/08<br>20:57 |

| S30         | 0     | "104"/\$.cds. and GPS and (inclin\$3 same declin\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/12/09<br>13:51 |
|-------------|-------|--|--|----|-----|---------------------|
| S31         | 90    | "104"/\$.cds. and (indin\$3 same declin\$3)                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/12/09<br>13:51 |
| S32         | 14    | "246"/\$.cds. and (indin\$3<br>same dedin\$3)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/12/09<br>14:04 |
| S33         | 0     | "701"/\$.ccls. and ((rail<br>same lubrica\$4) same<br>control same remote)   | USPAT  | OR | OFF | 2010/08/12<br>16:36 |
| S34         | 0     | rail same (on adj board<br>adj lubrication)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR | OFF | 2010/08/12<br>16:38 |
| <b>S3</b> 5 | 0     | ((on adj board )adj<br>lubrication)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/12<br>16:39 |
| S36         | 0     | (on adj board adj<br>lubrication)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/12<br>16:39 |
| <b>S</b> 37 | 116   | (accessed adj remotely).<br>dm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/08/12<br>16:42 |
| S38         | 23779 | (controller or (processing<br>adj device)) same remote<br>\$2 same access\$2 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/08/12<br>16:55 |
| S39         | 2     | S38 and (rail same (lubrica<br>\$4 adj system))                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/08/12<br>16:56 |
| S40         | 19515 | "701"/\$.cds. and (rail or<br>track or train)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/12<br>17:55 |
| S41         | 579   | S40 and (lubrica\$4<br>adjcontrol)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/12<br>17:56 |
| S42         | 2     | S40 and (lubrica\$4 adj<br>control)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2010/08/12<br>18:00 |

| S43 | 23 | ("4999782"   "5549531"   "5442363"   "5548293"   "5767316"   "5828979"   "5867122"   "5899947"   "5983110"   "6005514"   "6052647"   "6161062"   "612793"   "6184821"   "6199661"   "6211821"   "6218961"   "6223105"   "6218961"   "6223105"   "6313788"   "6347265"). PN. OR ("7557748").   | US-PGPUB;<br>USPAT; USOCR | MOR | OFF | 2010/08/12<br>18:01 |
|-----|----|---|---------------------------|-----|-----|---------------------|
| S44 | 31 | ("3885324"   "4041283"  <br>"4042810"   "4181943"  <br>"4602335"   "4750888"  <br>"5354202"   "5744707"  <br>"5758299").PN. OR<br>("6263266").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/08/12<br>18:02 |
| S45 | 1  | "20020059270"   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/08/12<br>18:04 |
| 946 | 69 | ["4012848"   "4404639"   "4697243"   "4776798"   "4697243"   "4776798"   "4943238"   "5025964"   "5107499"   "5111391"   "5147206"   "5204821"   "5246612"   "5274344"   "5280223"   "5373219"   "5548714"   "5608621"   "55623404"   "5657233"   "5664110"   "5717595"   "5778381"   "576998"   "5825661"   "5667801"   "5913914"   "5920866"   "5913914"   "5920866"   "5913914"   "5920866"   "5946521"   "5973177"   "6026393"   "6026631"   "6067486"   "6070155"   "6072481"   "6115656"   "6115691"   "6125575"   "6138056"   "6167333"   "6263265"   "6263266"   "6263322"   "6438535")   N. OR ("6810406")   UFPN. | US-PGPUB;<br>USPAT; USOOR | OR  | OFF | 2010/08/12          |

| S47 | 30  | (*1883787"   "2355620"  <br>"2516174" "2885029"  <br>"2935159"   "3144915"  <br>"3165171"   "3760904"  <br>"3944025"   "4711320"  <br>"4763759"   "4930600"  <br>"4763759"   "4930600"  <br>"5337860"   "5537951"  <br>"53380469"   "5597051"  <br>"5778761").PN. OR (*6182793").UFPN. | US-POPUB;<br>USPAT; USOOR                          | 00R | OFF | 2010/08/12          |
|-----|-----|--|--|-----|-----|---------------------|
| S48 | 23  | ("499782"   "5349531"   "5442363"   "5548293"   "55757316"   "5829979"   "5867122"   "5896947"   "6952647"   "6161062"   "6182793"   "6184821"   "62189611   "6211821"   "62189611   "6223105"   "6263266"   "6266822"   "6313788"   "6347265"). PN. OR ("7557748").                   | US-POPUB;<br>USPAT; USOOR                          | OR  | OFF | 2010/08/12<br>18:29 |
| S49 | 369 | 701/20.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>09:49 |
| S50 | 714 | 184/3.2.cds.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>10:18 |
| S51 | 103 | 184/3.2.cds. and (remote or control)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>10:34 |
| S52 | 0   | 184/3.2.cds. and (remot43 same access&2)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>11:01 |
| S53 | 0   | 184/3.2.cds. and (remot<br>\$3 same access&2)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>11:01 |
| S54 | 2   | 184/3.2.cds. and (remot<br>\$3 same access\$2)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2010/08/13<br>11:02 |
| S55 | 0   | train same controller same<br>lubrica\$4 same remote&2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT           | OR  | OFF | 2010/08/13<br>11:45 |

| S56 | 0   | train same controller same<br>remote&2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2010/08/13<br>11:46 |
|-----|-----|--|--|----|-----|---------------------|
| S57 | 9   |  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2010/08/13<br>11:46 |
| S58 | 746 | 701/2.cds.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2010/08/13<br>12:16 |
| S59 | 942 | 701/19-20.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2010/08/13<br>13:02 |

## 8/13/2010 5:41:04 PM

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